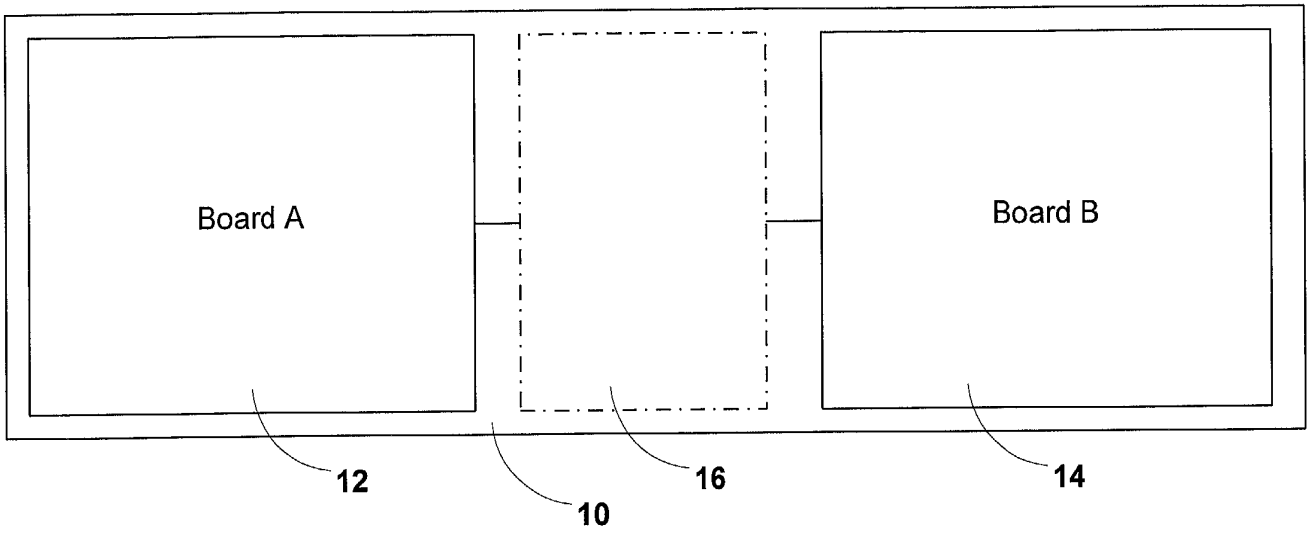

Figure 1

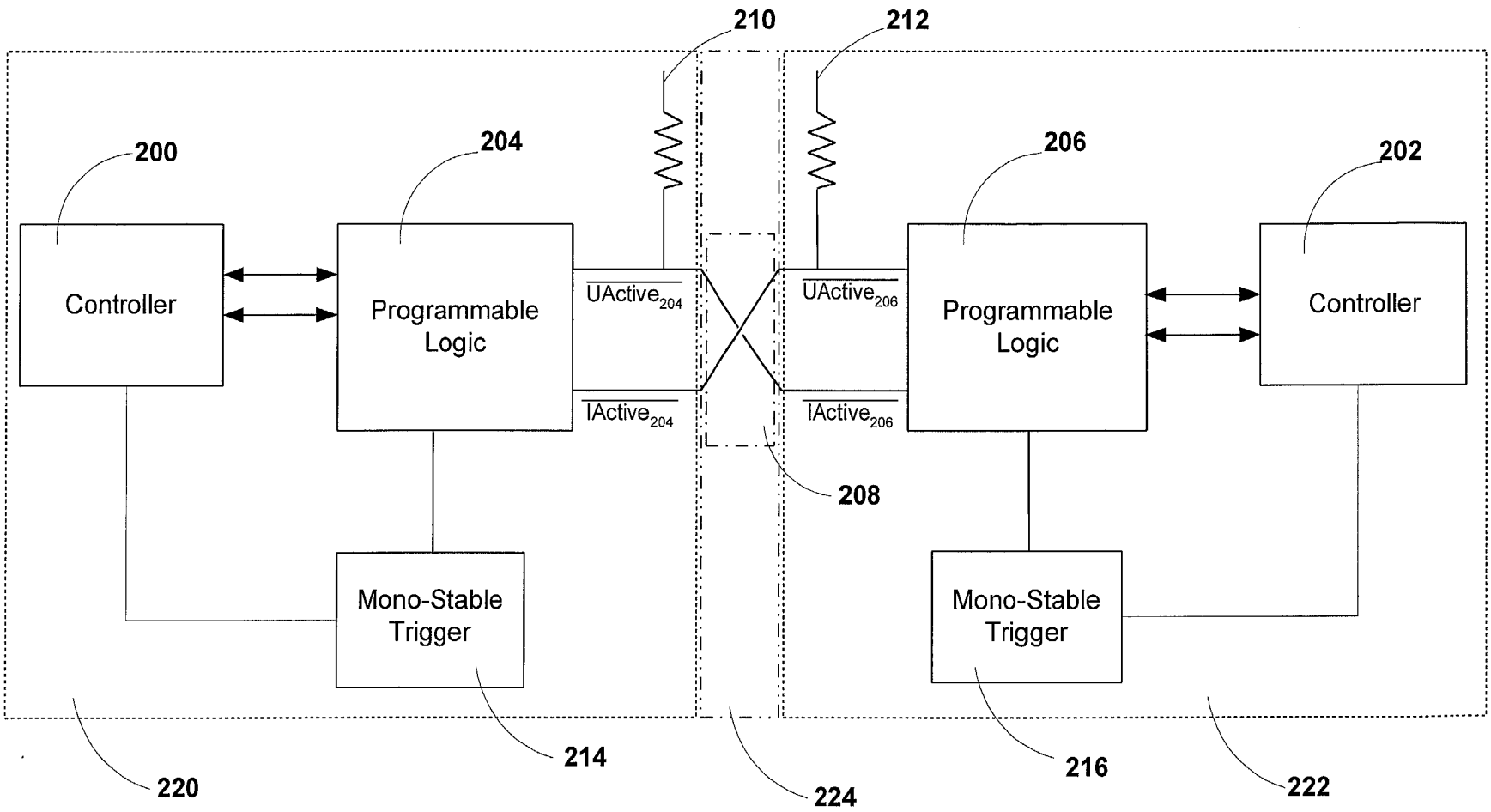
210
212
200
204
206
202
Controller
Programmable Logic
UActive204
IActive204
UActive206
IActive206
Programmable Logic
Controller
208
Mono-Stable Trigger
Mono-Stable Trigger
214
216
220
224
222

Figure 2

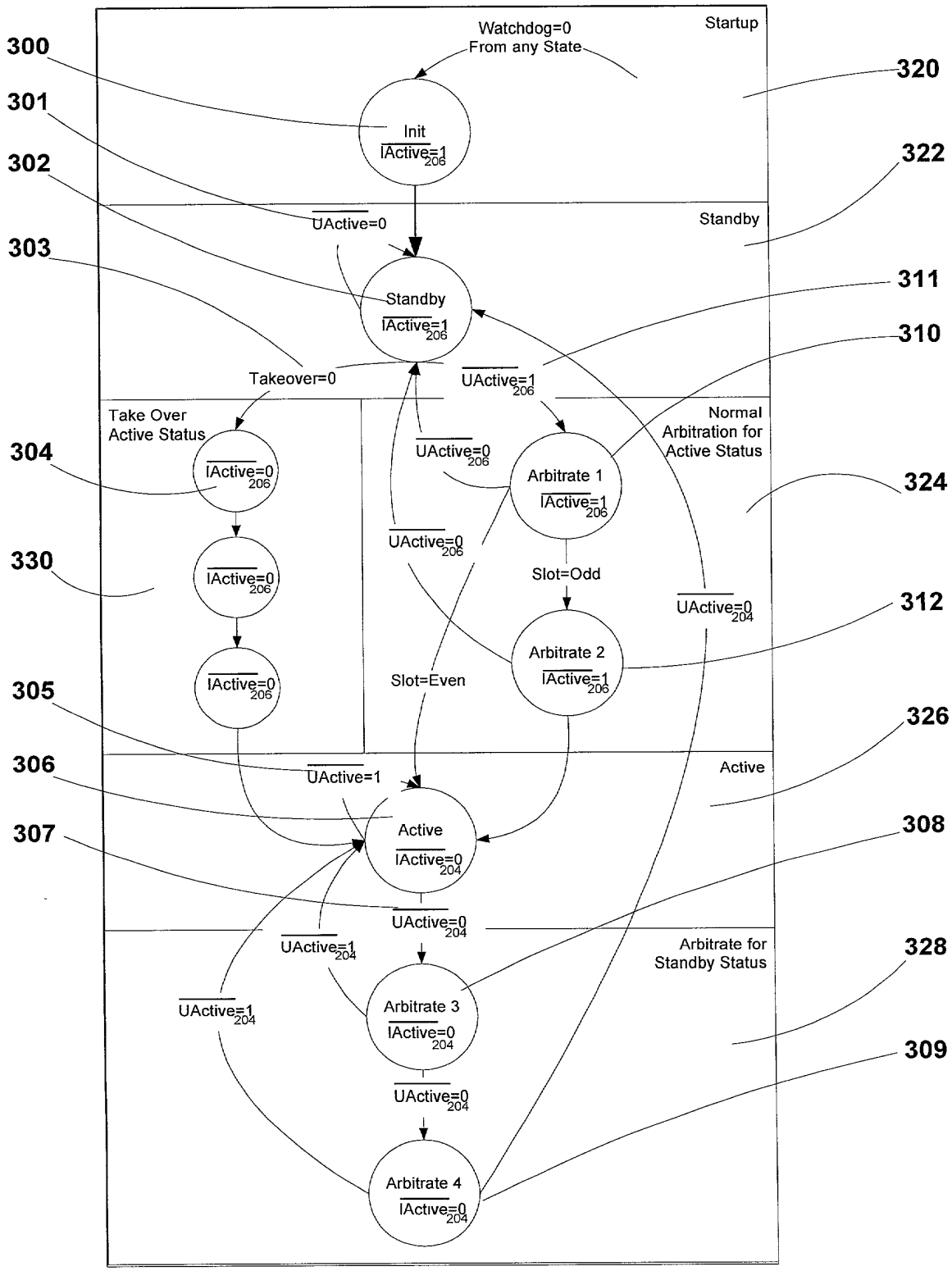
Startup
Watchdog=0
From any State
300
320
Init
IActive=1 206
301
322
UActive=0
Standby
302
303
Standby
IActive=1 206
311
310
Takeover=0
UActive=1 206
Take Over
Active Status
Normal
Arbitration for
Active Status
304
IActive=0 206
UActive=0 206
Arbitrate 1
IActive=1 206
324
330
IActive=0 206
UActive=0 206
Slot=Odd
UActive=0 204
312
IActive=0 206
Slot=Even
Arbitrate 2
IActive=1 206
305
326
UActive=1
Active
306
Active
IActive=0 204
307
308
UActive=0 204
UActive=1 204
Arbitrate for
Standby Status
328
UActive=1 204
Arbitrate 3
IActive=0 204
309
UActive=0 204
Arbitrate 4
IActive=0 204

Figure 3